| Electronic Patent Application Fee Transmittal |   |          |        |                         |  |  |  |
|---|---|----------|--------|-------------------------|--|--|--|
| Application Number:                           | 10591118  |          |        |                         |  |  |  |
| Filing Date:                                  | 28-Sep-2007   |          |        |                         |  |  |  |
| Title of Invention:                           | Process For Cell Culturing By Continuous Perfusion And Alternating<br>Tangential Flow |          |        |                         |  |  |  |
| First Named Inventor/Applicant Name:          | John Crowley  |          |        |                         |  |  |  |
| Filer:  | David S. Harper   |          |        |                         |  |  |  |
| Attorney Docket Number:                       | 10-817-US   |          |        |                         |  |  |  |
| Filed as Small Entity                         |   |          |        |                         |  |  |  |
| U.S. National Stage under 35 USC 371 Filing   | Fees  |          |        |                         |  |  |  |
| Description                                   | Fee Code  | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |  |
| Basic Filing:                                 | -   |          |        |                         |  |  |  |
| Pages:  |   |          |        |                         |  |  |  |
| Claims:                                       |   |          |        |                         |  |  |  |
| Miscellaneous-Filing:                         |   |          |        |                         |  |  |  |
| Petition:                                     |   |          |        |                         |  |  |  |
| Patent-Appeals-and-Interference:              |   |          |        |                         |  |  |  |
| Post-Allowance-and-Post-Issuance:             |   |          |        |                         |  |  |  |
| Extension-of-Time:                            |   |          |        |                         |  |  |  |

| Description                            | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |  |  |
|--|----------|----------|--------|-------------------------|--|--|--|--|
| Miscellaneous:                         |          |          |        |                         |  |  |  |  |
| Submission-Information Disclosure Stmt | 1806     | 1        | 180    | 180                     |  |  |  |  |
|  | Tot      | 180      |        |                         |  |  |  |  |